radio/chemo sensitizers/protectors,
retinoids
selective inhibitors of proliferation and migration of endothelial cells,
selenium,
stromelysin inhibitors,
taxanes,
vaccines, and
vinca alkaloids.

The major categories that some preferred antineoplastic agents fall into include antimetabolite agents, alkylating agents, antibiotic-type agents, hormonal anticancer agents, immunological agents, interferon-type agents, and a category of miscellaneous antineoplastic agents. Some antineoplastic agents operate through multiple or unknown mechanisms and can thus be classified into more than one category.

A first family of antineoplastic agents which may be used in combination with the present invention consists of antimetabolite-type antineoplastic agents. Antimetabolites are typically reversible or irreversible enzyme inhibitors, or compounds that otherwise interfere with the replication, translation or transcription of nucleic acids. Suitable antimetabolite antineoplastic agents that may be used in the present invention include, but are not limited to acanthifolic acid, aminothiadiazole, anastrozole, bicalutamide, brequinar sodium, capecitabine, carmofur, Ciba-Geigy CGP-30694, cladribine, cyclopentyl cytosine, cytarabine phosphate stearate, cytarabine conjugates, cytarabine ocfosfate, Lilly DATHF, Merrel Dow DDFC, dezaguanine, dideoxycytidine, dideoxyguanosine, didox, Yoshitomi DMDC, doxifluridine, Wellcome EHNA, Merck

& Co. EX-015, fazarabine, finasteride, floxuridine, fludarabine phosphate, N-(2'-furanidyl)-5-fluorouracil, Daiichi Seiyaku FO-152, fluorouracil (5-FU), 5-FU-fibrinogen, isopropyl pyrrolizine, Lilly LY-188011, Lilly LY-264618, methobenzaprim, methotrexate, Wellcome MZPES, nafarelin, norspermidine, nolvadex, NCI NSC-127716, NCI NSC-264880, NCI NSC-39661, NCI NSC-612567, Warner-Lambert PALA, pentostatin, piritrexim, plicamycin, Asahi Chemical PL-AC, stearate; Takeda TAC-788, thioguanine, tiazofurin, Erbamont TIF, trimetrexate, tyrosine kinase inhibitors, tyrosine protein kinase inhibitors, Taiho UFT, toremifene, and uricytin.

Preferred antimetabolite agents that may be used in the present invention include, but are not limited to, those identified in Table No. 3, below.

Table No. 3 . Antimetabolite agents

Compound	Common Name/ Trade Name	Company	Reference	Dosage
1,3-Benzenediacetonitrile,alpha,alpha,alpha',alpha'-tetramethyl-5-(1H-1,2,4-triazol-1-ylmethyl)-	anastrozole; ARIMIDEX®	Zeneca	EP 296749	1-mg/day
Propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-3-[(4-fluorophenyl) sulfonyl]-2-hydroxy-2-methyl-, (+/-)-	bicalutamide; CASODEX®	Zeneca	EP 100172	50 mg once daily

Compound	Common Name/ Trade Name	Company	Reference	Dosage
	capecitabine	Roche	US 5472949	
Adenosine, 2-chloro-2'-deoxy-; 2-chloro-2'-deoxy-(beta)-D-adenosine)	cladribine; 2-CdA; LEUSTAT; LEUSTATIN®; LEUSTA-TIN® injection; LEUSTATINE®; RWJ-26251;	Johnson & Johnson	EP 173059	0.09 mg/kg/day for 7 days.
2(1H)-Pyrimidinone, 4-amino-1-[5-O-[hydroxy(octadecyloxy)phosphinyl]-beta-D-arabinofuranosyl]-, monosodium salt	cytarabine ocfosfate; ara CMP stearyl ester; C-18-PCA; cytarabine phosphate stearate; Starasid; YNK-01; CYTOSAR-U®	Yamasa Corp	EP 239015	100 - 300 mg/day for 2 weeks
4-Azaandrost-1-ene-17-carboxamide, N-(1,1-dimethylethyl)-3-oxo-, (5alpha,17beta)-	finasteride; PROPECIA®	Merck & Co	EP 155096	
	fluorouracil (5-FU)		US 4336381	
Fludarabine phosphate. 9H-Purin-6-amine, 2-fluoro-9-(5-O-phosphono-beta- D-arabinofuranosyl)	fludarabine phosphate; 2-F-araAMP; Fludara; Fludara iv; Fludara Oral; NSC-312887; SH-573; SH-584; SH-	Southern Research Institute; Berlex	US 4357324	25 mg/m^2/d IV over a period of approximately 30 minutes daily for 5 consecutive days,